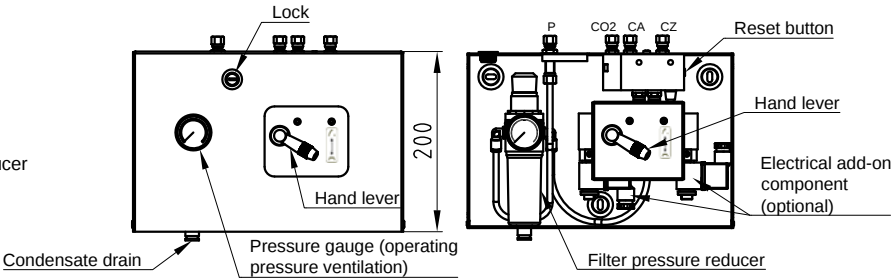
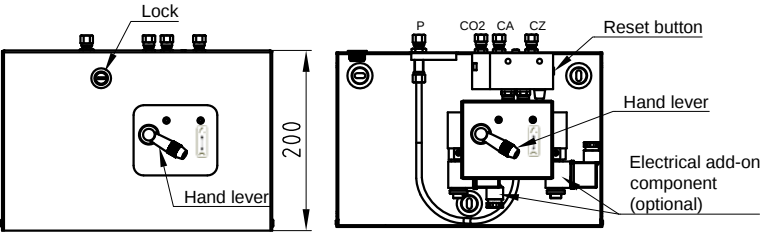


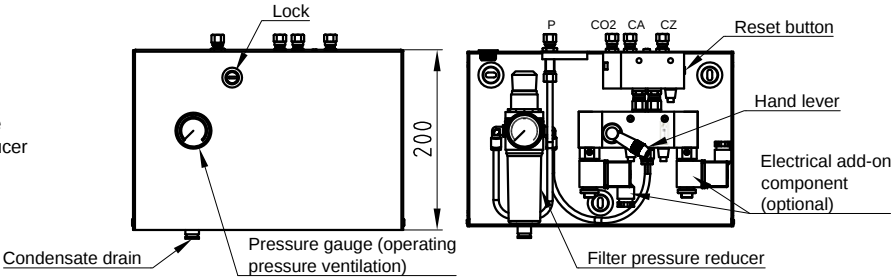
PLZ 20.1.1-options
Standard type,
externally operated,
with filter pressure reducer



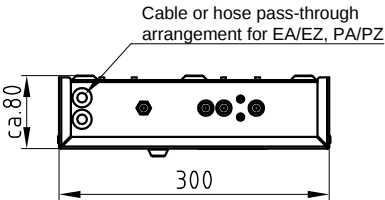
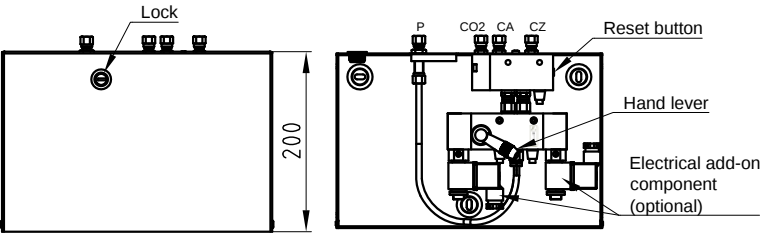
PLZ 20.1.1-OFR-options
Externally operated type
without filter pressure
reducer



PLZ 21.1.1-options
Internally operated type
with filter pressure reducer



PLZ 21.1.1-OFR-options
Internally operated type
without filter pressure
reducer



Diese Zeichnung ist Eigentum der
Fa. Grasl GmbH A-3454 Reidling, Europastra 1
Die Weiterverwendung oder Vervielflti-
gung ohne unser schriftliches Einver-
stndnis ist verboten!

Assembly:

For assembly, be sure condensate drain shows downward.

Connections:

P Compressed air available at the assembly site
CA Cylinder OPEN
CZ Cylinder CLOSE
CO2 CO2 inlet port

Description of function:

1) Ventilation function:

Ventilation is ensured by use of the hand lever.

With add-on components for OPEN and/ or CLOSE is also an electrical or pneumatic remote control possible (see options).

2) Alarm function:

Inlet port CO2 when controlled e.g. by a CO2 alarm box, will be connected with outlet port CA, and outlet port CZ will exhaust.

Ventilation function is deactivated.

3) Reset after release of alarm:

Fully press in reset button (will protrude approx. 1mm)
Only then the ventilation function will be active again.

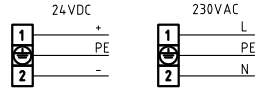
Technical Data:

max. operating pressure	10 bar
for use in temperature range	-20°C - +60°C
pipe connections	Ø6/4

Options:

EZ230	Electrical CLOSE 230V
EZ24	Electrical CLOSE 24VDC
EZS230	Electrical CLOSE 230V (deenergized)
EZS24	Electrical CLOSE 24VDC (deenergized)
EZV230	Electrical PRIORITY CLOSE 230V
EZV24	Electrical PRIORITY CLOSE 24V
EA230	Electrical OPEN 230V
EA24	Electrical OPEN 24VDC
EAV230	Electrical PRIORITY OPEN 230V
EAV24	Electrical PRIORITY OPEN 24V
PA	Pneumatic OPEN
PZ	Pneumatic CLOSE
PAV	Pneumatic PRIORITY OPEN
PZV	Pneumatic PRIORITY CLOSE
Ø8	All pipe connections for Ø8mm
OFR	Without filter pressure reducer

Circuit diagram solenoid:



Power input - attracting -DC	-
Power input - attracting -AC	9VA
Power input - holding - DC	5W
Power input - holding - AC	6VA

Ordering code:

PLZ xx.x.x - Optionen

Ordering example:

PLZ 20.1.1 - EA230 - EZ230

GRASL Pneumatic-Mechanik GmbH A-3454 Reidling Europastraße 1				Freimaßtoleranz nach DIN 7168:		Maßstab: 1:1		Werkstoff:			
										ID - Nr.:	
					Datum	Name					
				Bear.	22.01.2009	Tiefenbacher					
				Gepr.	27.01.2010	ER					
				Norm							
				Type:	PLZ				Zeichnung Nr.:		Blatt
									06.002.DAT.00.01-E		BL.
01	Diverse Änderungen	22.12.2009	SA								
Zus.	Änderung	Datum	Name	(Urspr.)	(Ers.f.): 06.002.DAT.00.00		(Ers.d.):				